

KV-6000BE

AC-133E

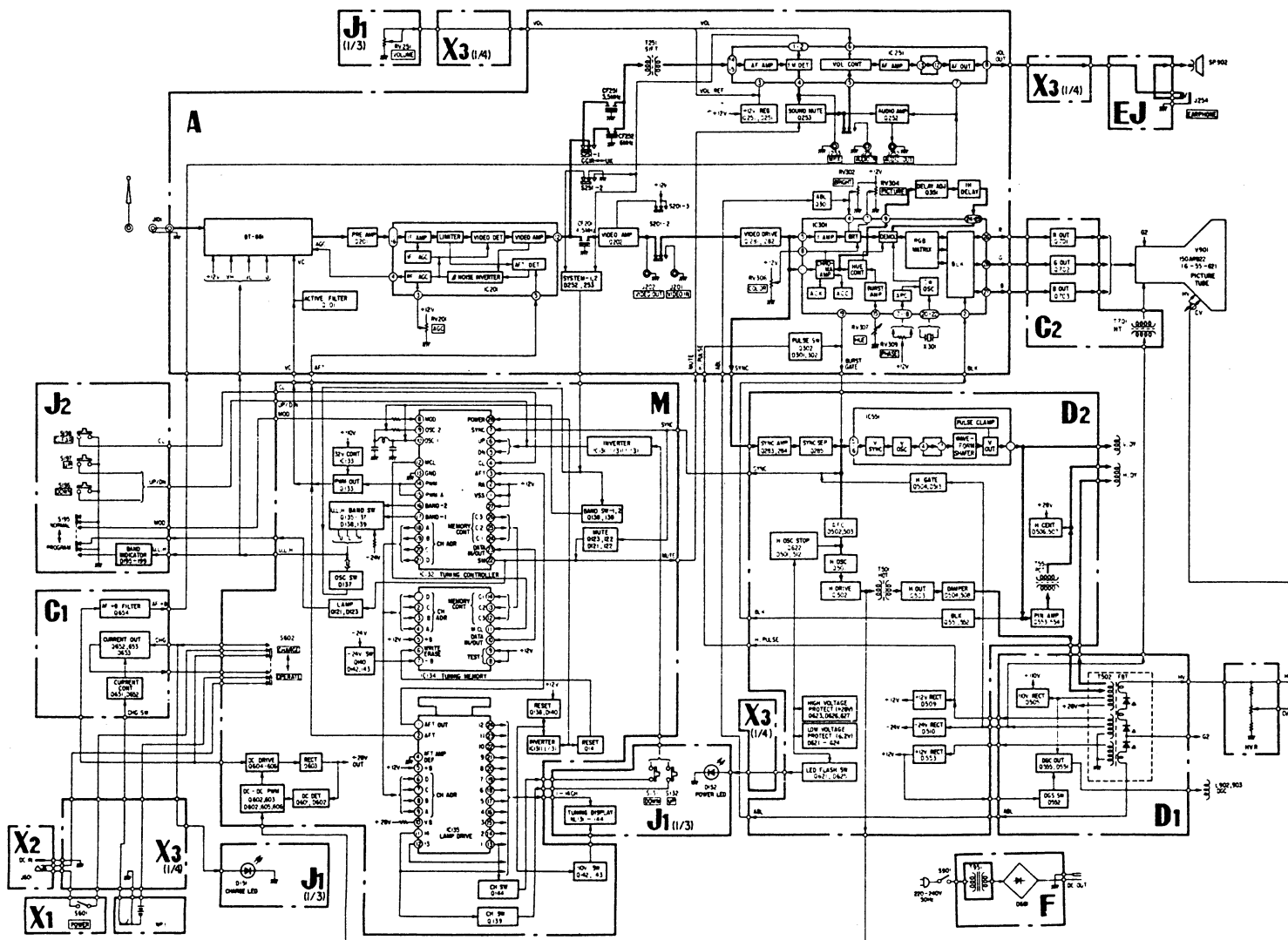
UK Model **AEP Model**
Chassis No. SCC-449A-A Chassis No. SCC-448A-A

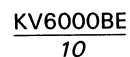
SPECIFICATIONS

Television system	U.K.: British TV standards Republic of Ireland: Irish TV standards Western Europe: CCIR system B, G and H
Colour system	PAL
Channel coverage	U.K.: UHF channels B21-68 Republic of Ireland: VHF channels A-C D-J Western Europe: VHF channels E2-4 E5-12 UHF channels E21-68
Picture tube	Approx. 14.8 cm (6 inches), 55-degree deflection Trinitron system (Approx. 13.0 cm screen measured diagonally)
Aerial	Telescopic aerial for VHF and UHF 75-ohm standard aerial socket for VHF and UHF
Speaker	Approx. 7.7 cm (3 inches) dia.
Inputs/outputs	

Connector	Signal level	Remarks
VIDEO IN (BNC connector)	1 V (p-p)	75 ohms unbalanced sync negative
VIDEO OUT (BNC connector)		
AUDIO IN (phono jack)	-5 dBs	input impedance 47 kilohms
AUDIO OUT (phono jack)	-0.5 dBs	output impedance 5 kilohms
Earphone (minijack)		for 8-ohm earphone or load impedance 10 kilohms or higher

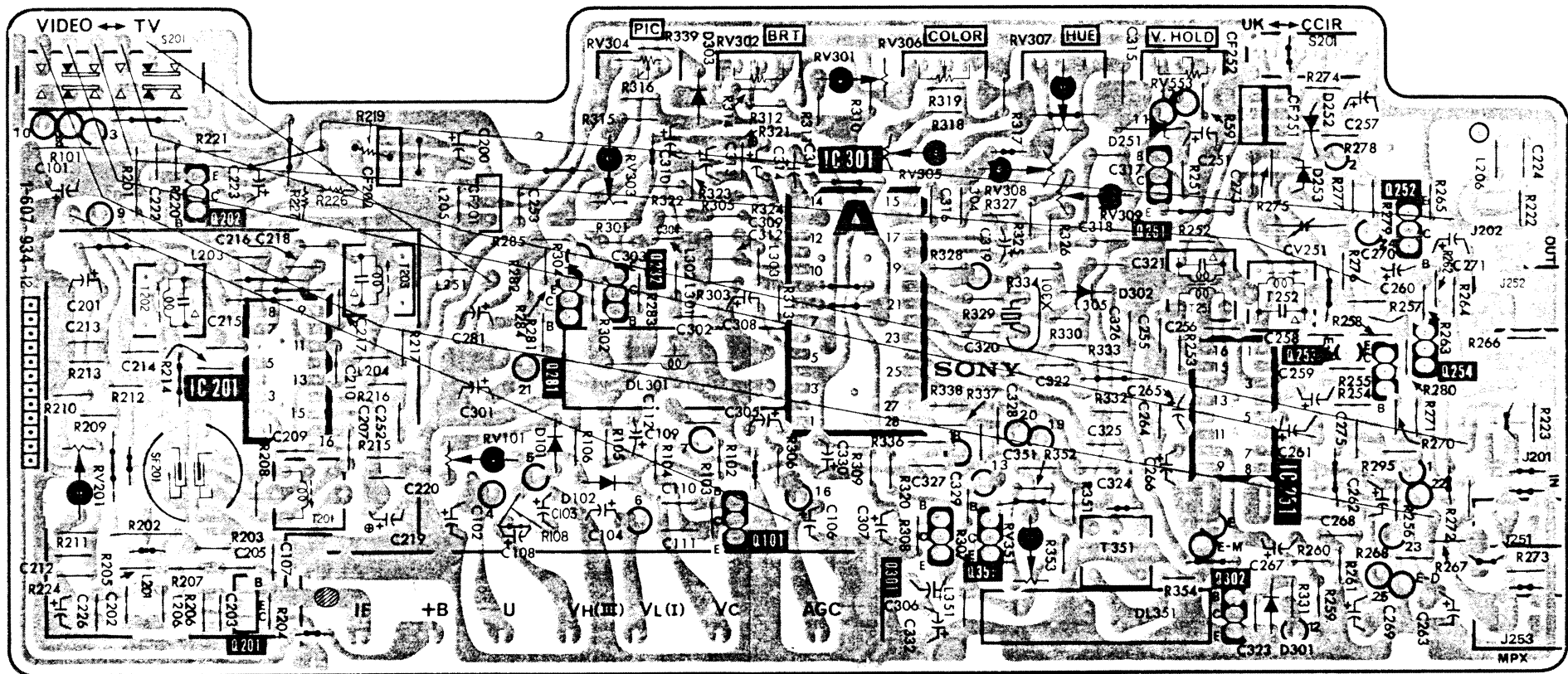
Power requirements	220-240 V ac, 50 Hz with supplied AC-133 ac power adaptor 12 V dc, with optional Sony NP-1 battery pack 12/24 V car battery with optional Sony DCC-16AE car battery cord
Power consumption	27 W ac with AC-133 ac power adaptor 18 W dc (in 12-24 V operation)
Dimensions	Approx. 190 x 153 x 298 mm (7 1/2 x 6 1/8 x 11 3/4 inches) incl. projecting parts and controls
Weight	Approx. 3.9 kg (8 lb 10 oz) excl. AC-133, accessories and batteries
Accessories supplied	AC power adaptor AC-133 (1) Earphone (1)
Optional accessories	Battery pack NP-1 Car battery cord DCC-16AE AC power adaptor for charging the battery pack AC-F1E, AC-F1UB Car battery charger CBC-330 Car aerial VCA-3E, VCA-4E

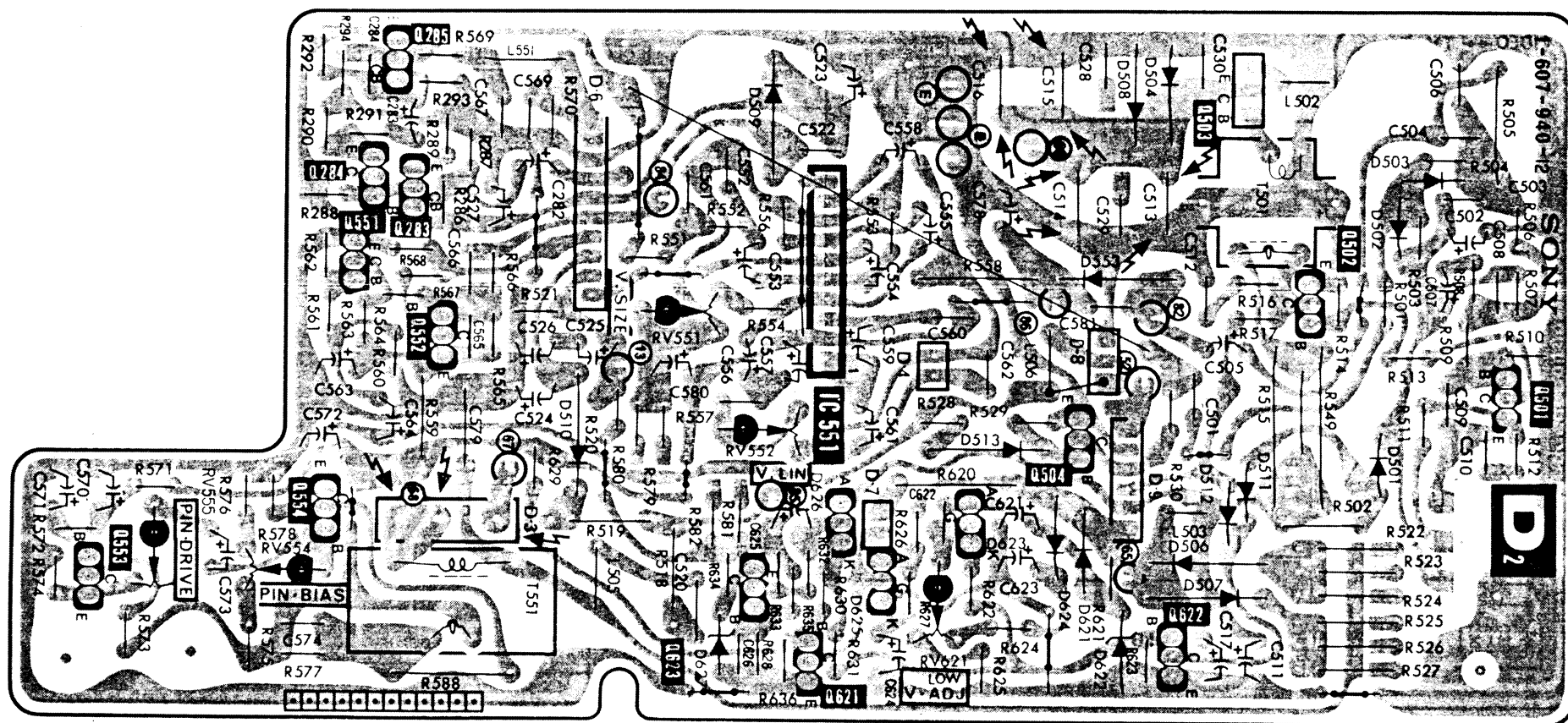




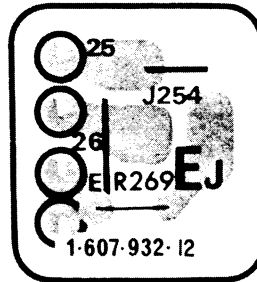
— A Board —

IC	202	IC201	281, 282	IC301	251	252	IC
Q	201		303	301	IC251	253 254	Q
D					302	301	D
ADJ	RV201	RV303	RV304	RV302	RV301	RV306	ADJ
				RV305	RV308	RV307	
					RV309	RV553	

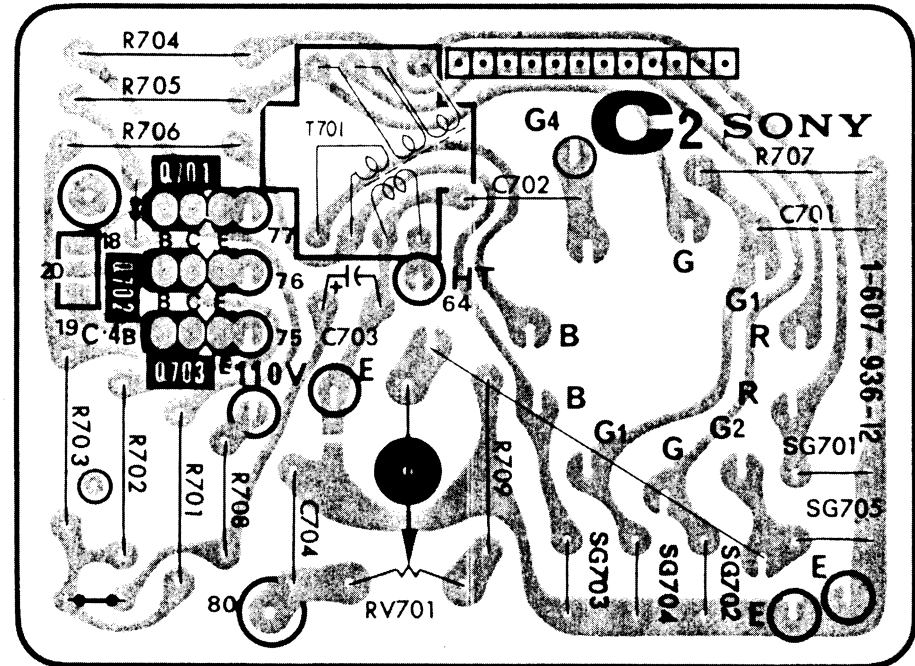


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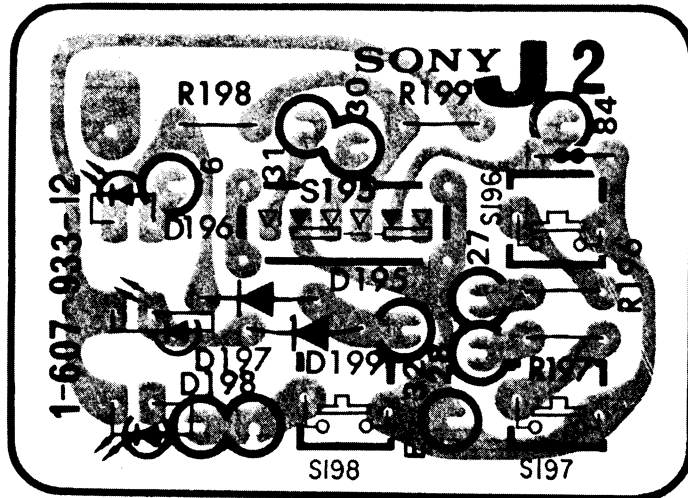
— EJ Board —



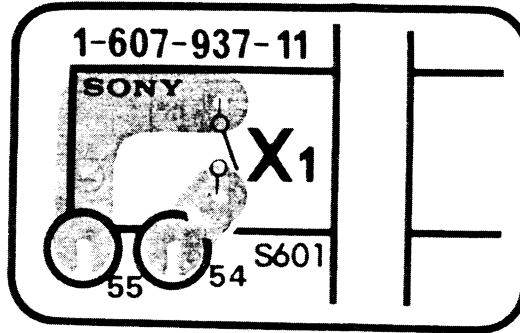
— C2 Board —



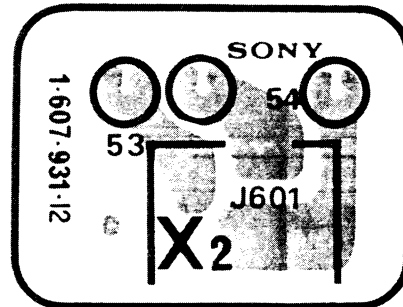
— J2 Board —



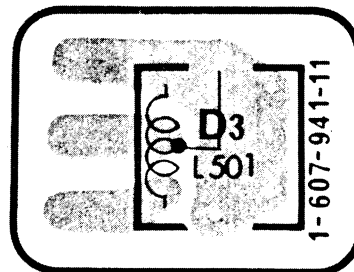
— X1 Board —



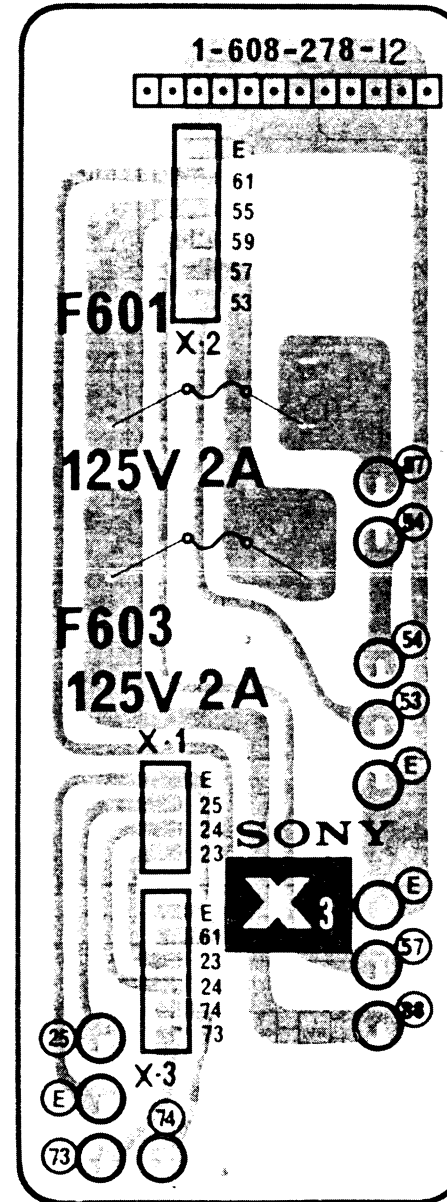
— X2 Board —



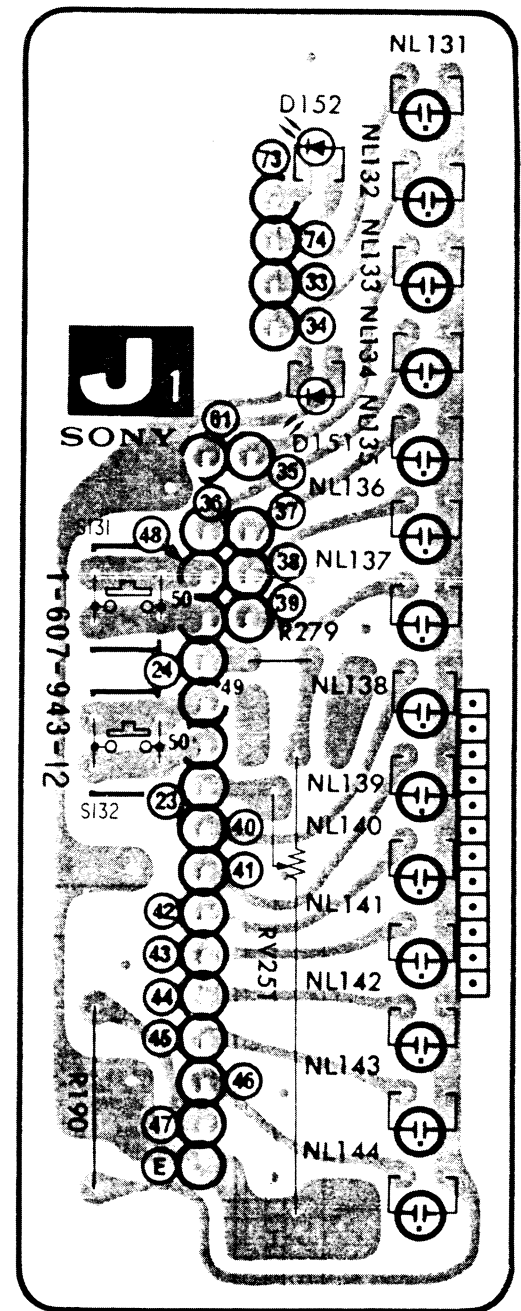
— D3 Board —

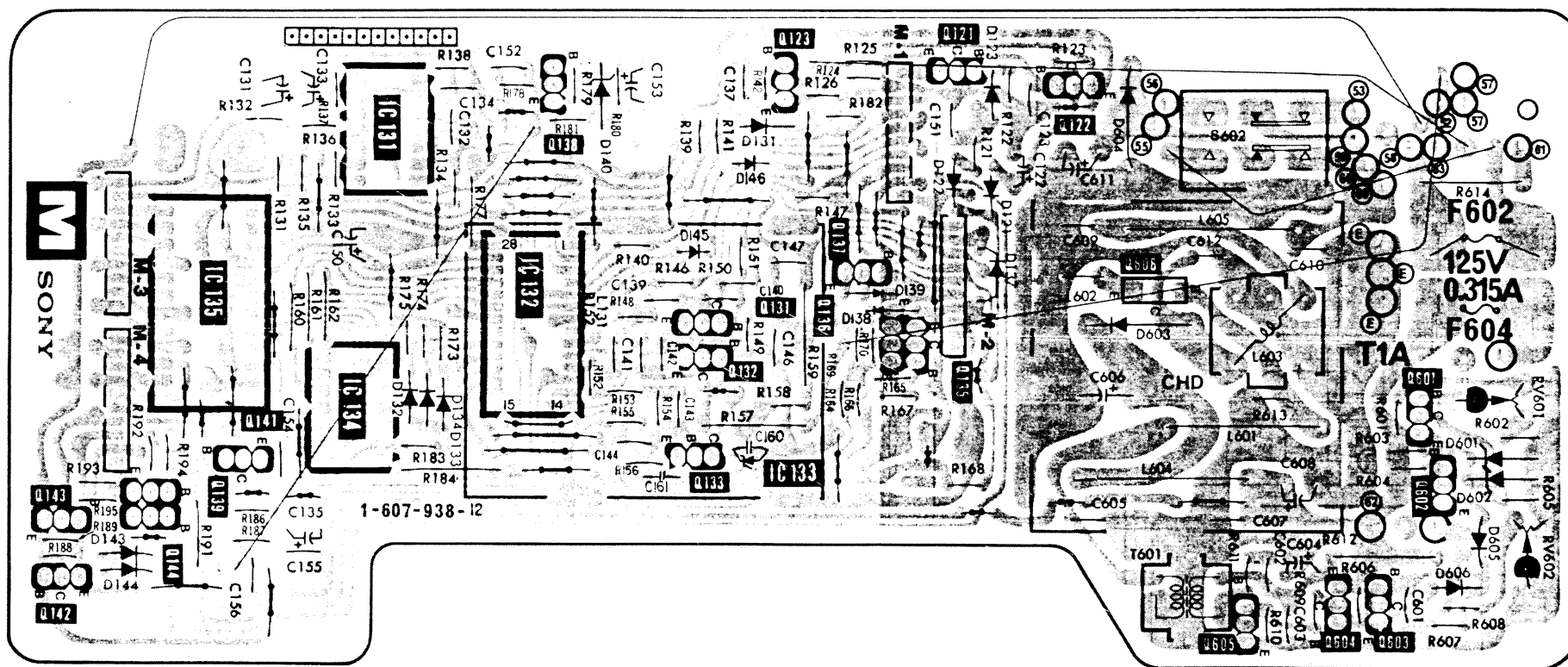


— X3 Board —



— J1 Board —



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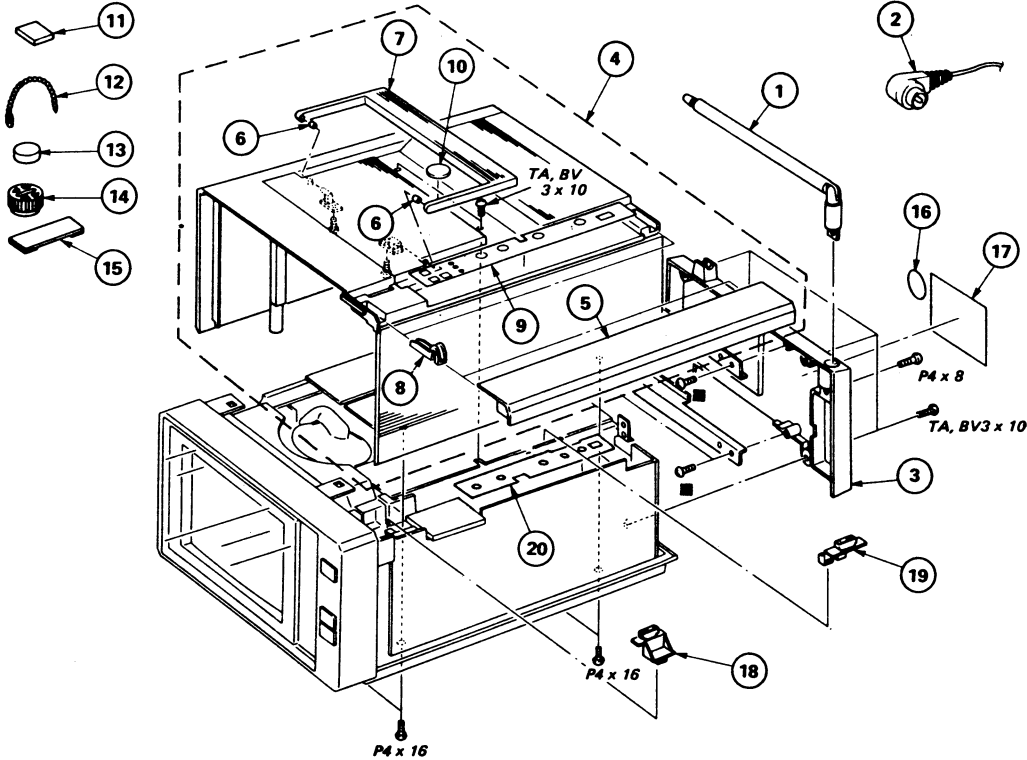
EXPLODED VIEWS

NOTE:

- Items with no part number and no description are not stocked because they are seldom required for routine service.
- The construction parts of an assembled part are indicated with a collation number in the remark column.
- Items marked "A" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

1. CABINET

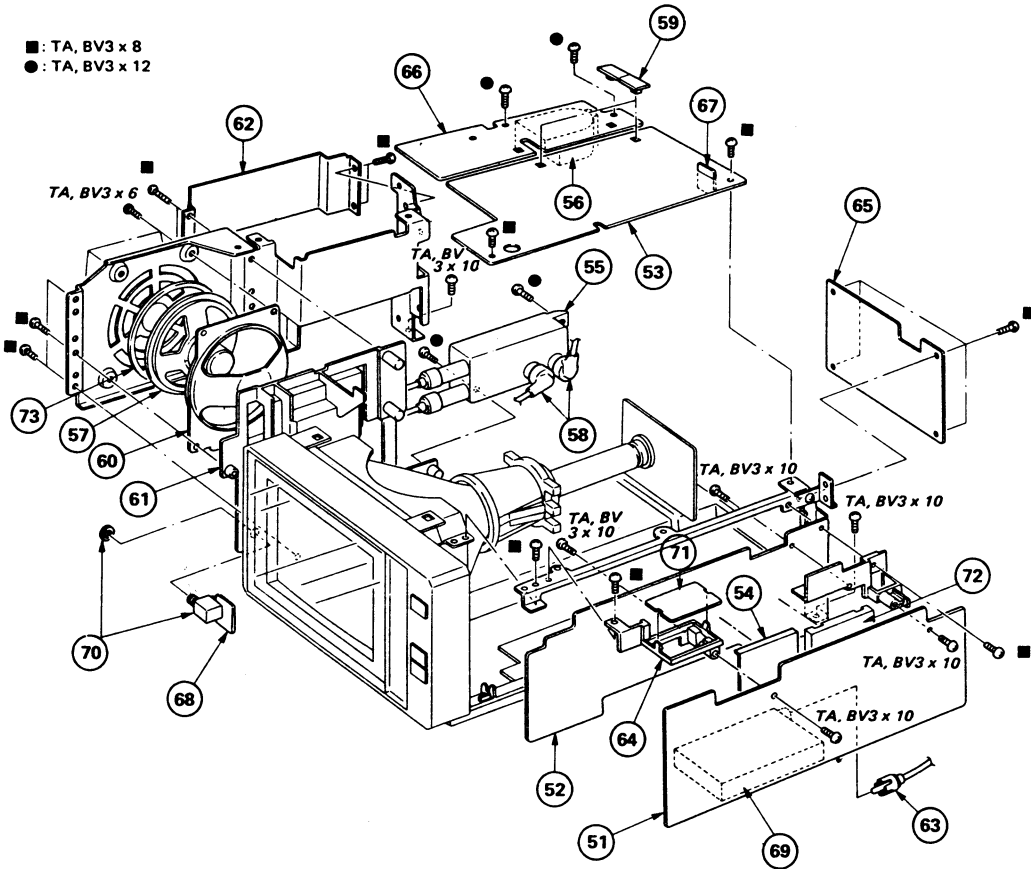
■: TA, BV3 x 8



No.	Part No	Description	Remark	No.	Part No	Description	Remark
1	1-501-268-00	ANTENNA, TELESCOPIC		11	1-452-126-11	MAGNET	
2	1-556-565-00	CABLE (PAL-PIN)		12	4-308-870-00	CLIP, LEAD WIRE	
3	4-361-436-11	COVER, REAR		13	1-452-032-00	MAGNET, DISK	
4	X-4362-502-0	CABINET ASSY	5,6,7,8,9,10	14	1-452-094-00	MAGNET, ROTATABLE DISK; 15MM Ø	
5	X-4361-408-0	LID ASSY, ADJUSTMENT		15	X-4309-608-0	PERMALLOY ASSY, CONVERGENCE	
6	4-361-410-00	SPACER, HANDLE		16	3-701-940-01	LABEL, BEAB	
7	4-361-428-00	HANDLE		17	4-362-504-00	LABEL, MODEL NUMBER	
8	4-361-469-00	ARM, LID, ADJUSTMENT		18	4-361-412-00	KNOB (A), SLIDE SWITCH	
9	4-362-505-00	LABEL, CONTROL		19	4-361-413-00	KNOB (B), SLIDE SWITCH	
10	9-911-840-XX	SPACER, SIDE		20	4-361-487-01	SHEET,VR	

2. CHASSIS

■: TA, BV3 x 8
●: TA, BV3 x 12

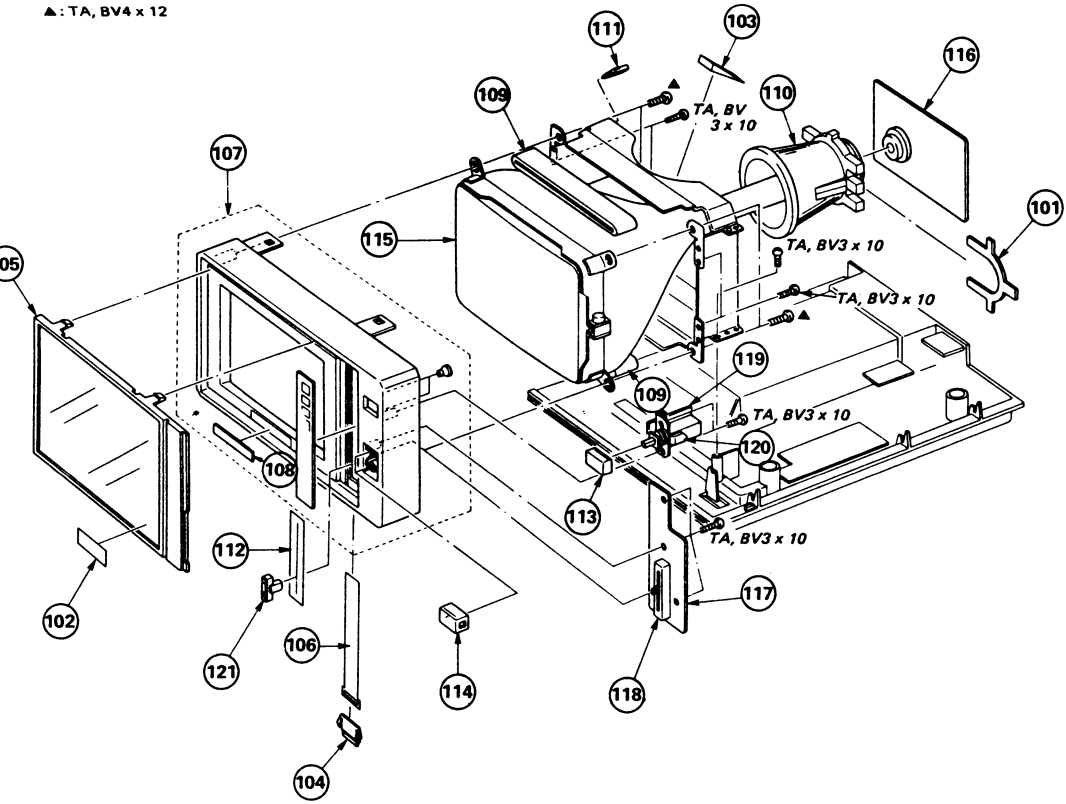


No.	Part No	Description	Remark	No.	Part No	Description	Remark
51	4-A-1295-638-A	A BOARD, COMPLETE	69	63	4-1-556-564-00	CABLE (PAL SOCKET-PIN)	
52	4-A-1301-419-A	M BOARD, COMPLETE		64	4-4-361-402-00	BRACKET, J2 PC BOARD	
53	4-A-1340-491-A	D2 BOARD, COMPLETE		65	4-1-607-935-00	C1 BOARD	
54	4-361-442-00	LID, BOTTOM, SHIELD CASE, (M) (UK ONLY)		66	4-1-607-939-00	D1 BOARD	
55	1-228-776-00	RESISTOR ASSY, HIGH-VOLTAGE		67	4-1-607-941-00	D3 BOARD	
56	1-439-299-00	TRANSFORMER ASSY, FLYBACK		68	4-1-607-932-00	EJ BOARD	
57	1-502-703-00	SPEAKER		69	1-463-350-31	TUNER, ET (BT-881)	
58	3-705-769-00	CAP, RUBBER		70	1-507-567-00	JACK, EARPHONE	
59	4-4-313-732-00	CLIP, HINGE, CIRCUIT BOARD		71	4-1-607-933-00	J2 BOARD	
60	4-4-344-240-00	BRACKET, SPEAKER		72	4-4-361-438-00	LID, BOTTOM, SHIELD CASE, POWER(UK ONLY)	
61	4-4-361-445-00	CLAMP, LEAD, H.V		73	4-344-292-00	SPACER	
62	4-4-361-455-00	PLATE, SHIELD					

KV6000BE

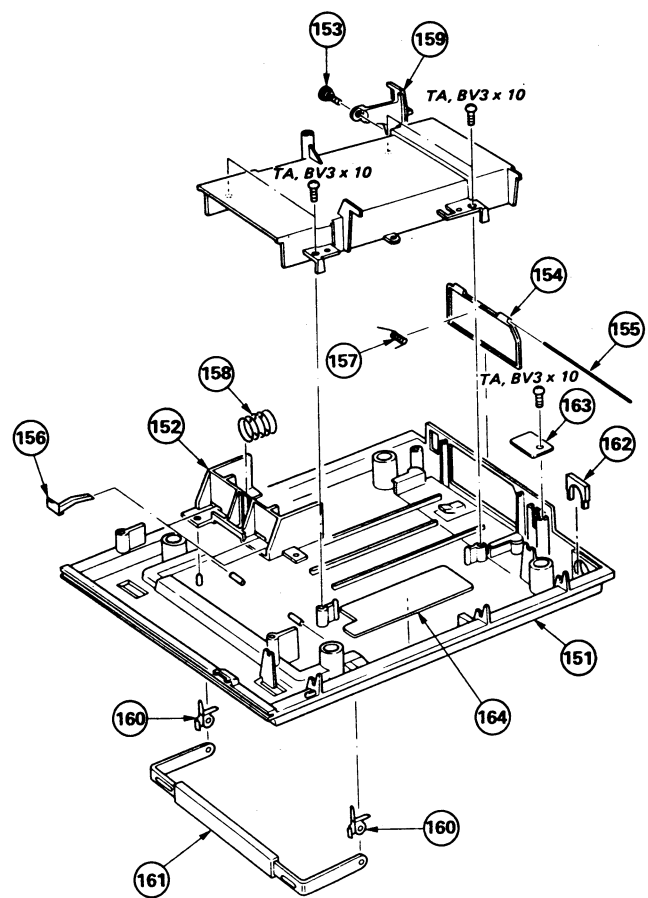
3. BEZEL

▲: TA, BV4 x 12



No.	Part No	Description	Remark	No.	Part No	Description	Remark
101	1-452-192-00	MAGNET, CORRECT BMC		112	▲:4-344-748-00	BLIND, CONTROL	
102	3-701-690-00	LABEL		113	4-361-403-00	PUSH BUTTON (A)	
103	4-309-369-00	SPACER, DEFLECTION YOKE		114	4-361-404-00	PUSH BUTTON (B)	
104	▲:4-361-401-00	LID, INDICATOR		115	▲:8-736-201-05	CRT 150AB22	
105	4-361-426-00	FILTER		116	▲:1-607-936-00	C2 BOARD	
106	4-362-503-00	INDICATOR		117	▲:1-607-943-00	J1 BOARD	
107	X-4362-503-0	BEZEL ASSY		118	1-228-350-00	RES, VAR, SLIDE 20K	
108	▲:3-703-352-00	EMBLEM, SONY	108	119	▲:1-607-937-00	X1 BOARD	
109	1-426-023-21	COIL, DEGAUSS		120	1-554-253-00	SWITCH, PUSH (POWER SWITCH)	
110	▲:1-451-177-21	DEFLECTION YOKE (SY-59E)		121	4-361-405-00	KNOB, SLIDE	
111	4-335-308-00	RETAINER, AC CORD					

4. CABINET (LOWER)



No.	Part No	Description	Remark	No.	Part No	Description	Remark
151	X-4362-501-0	CABINET (LOWER) ASSY	152,153,154,155 156,157,158,159 160,161	157	3-669-592-00	SPRING (A), TORSION	
152	▲:2-291-529-00	HOLDER, BATTERY		158	3-669-594-00	SPRING, COMPRESSION	
153	3-486-138-00	SCREW		159	▲:4-361-415-00	LEVER (B), RELEASE	
154	3-669-517-91	LTD, BATTERY CASE		160	▲:4-361-418-00	REINFORCEMENT, STAND	
155	▲:3-669-521-00	SHAFT (B)		161	▲:4-361-427-00	STAND	
156	▲:3-669-526-00	TERMINAL		162	▲:4-362-502-00	HOLDER, JACK, ANTENNA	
				163	▲:1-607-931-00	X2 BOARD	
				164	▲:1-608-278-00	X3 BOARD	

A

A

ELECTRICAL PARTS LIST

When indicating parts by reference number, please include the board name.

* ->: Due to standardization, interchangeable replacements may be substituted for parts specified in the diagrams.

* Items marked "A" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

* All variable and adjustable resistors have characteristic curve B, unless otherwise noted.

CAPACITORS

* MF : μ F, PF : μ F

RESISTORS

* All resistors are in ohms
* F : nonflammable

COILS

* MMH : mH, UH : μ H

Ref.No	Part No	Description	Remark
A:	1-1295-638-A	A BOARD, COMPLETE *****	
A:	1-463-350-31	TUNER, ET (BT-881)	
	1-536-761-00	TERMINAL BOARD, INPUT/OUTPUT	
	1-3-847-723-00	PIN, LEAD	
	1-4-336-029-00	PLATE, SHIELD	
	1-4-361-439-00	LID, UPPER, SHIELD CASE, VIF	
	1-4-361-444-00	CASE (MAIN), SHIELD, VIF	
CONNECTOR			
C1	1-1-555-925-00	CONNECTOR ASSY (2.0MM) 3P	
C4	1-1-555-926-00	CONNECTOR ASSY (2.0MM) 3P	
CAPACITOR			
C101	1-123-332-00	ELECT 47MF 20% 16V	
C102	1-123-332-00	ELECT 47MF 20% 16V	
C103	1-123-651-00	ELECT 0.22MF 20% 50V	
C104	1-123-332-00	ELECT 47MF 20% 16V	
C106	1-123-328-00	ELECT 4.7MF 20% 25V	
C110	1-108-385-00	MYLAR 0.047MF 10% 100V	
C111	1-130-526-51	MYLAR 0.068MF 10% 50V	
C112	1-123-318-00	ELECT 33MF 20% 16V	
C200	1-123-333-00	ELECT 100MF 20% 16V	
C201	1-123-321-00	ELECT 220MF 20% 16V	
C202	1-102-125-00	CERAMIC 0.0047MF 10% 50V	
C203	1-102-125-00	CERAMIC 0.0047MF 10% 50V	
C205	1-102-125-00	CERAMIC 0.0047MF 10% 50V	
C207	1-102-125-00	CERAMIC 0.0047MF 10% 50V	
C209	1-102-125-00	CERAMIC 0.0047MF 10% 50V	
C210	1-102-125-00	CERAMIC 0.0047MF 10% 50V	
C212	1-102-125-00	CERAMIC 0.0047MF 10% 50V	
C213	1-102-125-00	CERAMIC 0.0047MF 10% 50V	
C214	1-102-125-00	CERAMIC 0.0047MF 10% 50V	
C215	1-102-514-00	CERAMIC 22PF 5% 50V	
C216	1-102-936-00	CERAMIC 3PF 0.25PF 50V	
C217	1-102-936-00	CERAMIC 3PF 0.25PF 50V	
C218	1-102-508-00	CERAMIC 10PF 0.5PF 50V	
C219	1-131-345-00	TANTALUM 0.47MF 10% 35V	
C220	1-102-125-00	CERAMIC 0.0047MF 10% 50V	
C222	1-102-978-00	CERAMIC 220PF 5% 50V	
C223	1-123-298-00	ELECT 470MF 20% 6.3V	
C224	1-102-816-00	CERAMIC 120PF 5% 50V	
C251	1-123-318-00	ELECT 33MF 20% 16V	
C252	1-102-953-00	CERAMIC 18PF 5% 50V	
C253	1-102-953-00	CERAMIC 18PF 5% 50V	
C255	1-101-004-00	CERAMIC 0.01MF 50V	
C256	1-101-004-00	CERAMIC 0.01MF 50V	
C257	1-123-318-00	ELECT 33MF 20% 16V	
C258	1-102-666-00	CERAMIC 12PF 5% 50V	
C259	1-123-380-00	ELECT 1MF 20% 50V	
C260	1-108-385-00	MYLAR 0.047MF 10% 100V	
C261	1-123-380-00	ELECT 1MF 20% 50V	

Ref.No	Part No	Description	Remark
C262	1-123-356-00	ELECT 10MF 20% 16V	
C263	1-123-321-00	ELECT 220MF 20% 16V	
C264	1-161-055-00	CERAMIC 0.022MF 10% 50V	
C265	1-123-380-00	ELECT 1MF 20% 50V	
C266	1-123-382-00	ELECT 3.3MF 20% 50V	
C267	1-123-318-00	ELECT 33MF 20% 16V	
C268	1-108-385-00	MYLAR 0.047MF 10% 100V	
C269	1-123-321-00	ELECT 220MF 20% 16V	
C270	1-123-382-00	ELECT 3.3MF 20% 50V	
C271	1-123-382-00	ELECT 3.3MF 20% 50V	
C273	1-101-004-00	CERAMIC 0.01MF 50V	
C275	1-101-004-00	CERAMIC 0.01MF 50V	
C281	1-123-298-00	ELECT 470MF 20% 6.3V	
C301	1-123-321-00	ELECT 220MF 20% 16V	
C302	1-102-961-00	CERAMIC 27PF 5% 50V	
C303	1-102-965-00	CERAMIC 39PF 5% 50V	
C304	1-102-947-00	CERAMIC 10PF 5% 50V	
C305	1-123-328-00	ELECT 4.7MF 20% 25V	
C306	1-123-380-00	ELECT 1MF 20% 50V	
C307	1-123-382-00	ELECT 3.3MF 20% 50V	
C308	1-123-356-00	ELECT 10MF 20% 16V	
C309	1-101-880-00	CERAMIC 47PF 5% 50V	
C310	1-123-380-00	ELECT 1MF 20% 50V	
C311	1-123-382-00	ELECT 3.3MF 20% 50V	
C312	1-101-004-00	CERAMIC 0.01MF 50V	
C313	1-123-380-00	ELECT 1MF 20% 50V	
C314	1-131-341-00	TANTALUM 0.1MF 10% 35V	
C315	1-102-527-00	CERAMIC 82PF 5% 50V	
C316	1-101-004-00	CERAMIC 0.01MF 50V	
C317	1-101-006-00	CERAMIC 0.047MF 50V	
C318	1-101-006-00	CERAMIC 0.047MF 50V	
C319	1-123-330-00	ELECT 22MF 20% 16V	
C320	1-102-852-00	CERAMIC 47PF 5% 50V	
C321	1-102-852-00	CERAMIC 47PF 5% 50V	
C322	1-102-513-00	CERAMIC 18PF 5% 50V	
C324	1-101-004-00	CERAMIC 0.01MF 50V	
C325	1-101-004-00	CERAMIC 0.01MF 50V	
C327	1-101-880-00	CERAMIC 47PF 5% 50V	
C328	1-101-880-00	CERAMIC 47PF 5% 50V	
C329	1-101-880-00	CERAMIC 47PF 5% 50V	
C330	1-123-328-00	ELECT 4.7MF 20% 25V	
C332	1-123-380-00	ELECT 1MF 20% 50V	
C333	1-102-074-00	CERAMIC 0.001MF 10% 50V	
C351	1-101-004-00	CERAMIC 0.01MF 50V	
FILTER			
CF201	1-404-134-00	TRAP, CERAMIC (5.5MHZ)	
CF202	1-409-333-00	TRAP, CERAMIC (6.0MHZ)	
CF251	1-527-263-00	CERAMIC FILTER (5.5MHZ)	
CF252	1-527-262-00	CERAMIC FILTER (6.0MHZ)	
TRIMMER			
CV251	1-141-181-11	CAP, TRIMMER	

Ref.No	Part No	Description	Remark
CONNECTOR			
D6	1-1-555-955-00	CONNECTOR ASSY (2.5MM) 9P	
DIODE			
D251	8-719-101-82	DIODE RD12E-L1	
D252	8-719-911-19	DIODE 1SS119	
D253	8-719-000-01	DIODE MC103A	
D301	8-719-911-19	DIODE 1SS119	
D302	8-719-911-19	DIODE 1SS119	
D303	8-719-911-19	DIODE 1SS119	
DELAY LINE			
DL301	1-415-274-00	DELAY LINE, Y	
DL351	1-415-122-31	DELAY LINE	
IC			
IC201	8-759-276-07	IC TA7607AP	
IC251	8-759-400-01	IC AN5250	
IC301	8-759-113-65	IC UPC1365C	
COIL			
L201	1-408-397-00	MICRO INDUCTOR 1UH	
L202	1-408-397-00	MICRO INDUCTOR 1UH	
L203	1-408-406-00	MICRO INDUCTOR 5.6UH	
L204	1-408-397-00	MICRO INDUCTOR 1UH	
L205	1-408-411-00	MICRO INDUCTOR 15UH	
L206	1-408-408-00	MICRO INDUCTOR 8.2UH	
L208	1-408-411-00	MICRO INDUCTOR 15UH	
L251	1-408-412-00	MICRO INDUCTOR 18UH	
L301	1-408-417-00	MICRO INDUCTOR 47UH	
L302	1-408-414-00	MICRO INDUCTOR 27UH	
L303	1-408-417-00	MICRO INDUCTOR 47UH	
L304	1-408-419-00	MICRO INDUCTOR 68UH	
L305	1-408-409-00	MICRO INDUCTOR 10UH	
L306	1-421-013-00	COIL, (HORIZONTAL CHOKE) 25MH	
L351	1-408-410-00	MICRO INDUCTOR 12UH	
CONNECTOR			
M2	1-1-555-909-00	CONNECTOR ASSY (2.0MM) 10P	
TRANSISTOR			
Q101	8-729-178-54	TRANSISTOR 2SC2785	
Q201	8-765-300-00	TRANSISTOR 2SC2009	
Q202	8-729-117-54	TRANSISTOR 2SA1175	
Q251	8-729-178-54	TRANSISTOR 2SC2785	
Q252	8-729-178-54	TRANSISTOR 2SC2785	
Q253	8-729-178-54	TRANSISTOR 2SC2785	
Q254	8-729-178-54	TRANSISTOR 2SC2785	
Q281	8-729-178-54	TRANSISTOR 2SC2785	
Q282	8-729-178-54	TRANSISTOR 2SC2785	
Q301	8-729-178-54	TRANSISTOR 2SC2785	
RESISTOR			
Q302	8-729-178-54	TRANSISTOR 2SC2785	
Q351	8-729-117-54	TRANSISTOR 2SA1175	
R101	1-212-855-00	FUSIBLE 8.2 5% 1/4W F	
R102	1-247-867-00	CARBON 33K 5% 1/6W	
R103	1-247-891-00	CARBON 330K 5% 1/6W	
R104	1-247-839-00	CARBON 2.2K 5% 1/6W	
R105	1-247-823-00	CARBON 470 5% 1/6W	
R108	1-212-863-00	FUSIBLE 18 5% 1/4W F	
R201	1-212-853-00	FUSIBLE 6.8 5% 1/4W F	
R202	1-246-457-00	CARBON 220 5% 1/4W	
R203	1-247-849-00	CARBON 5.6K 5% 1/6W	
R204	1-247-831-00	CARBON 1K 5% 1/6W	
R205	1-247-823-00	CARBON 470 5% 1/6W	
R206	1-247-805-00	CARBON 82 5% 1/6W	
R207	1-247-823-00	CARBON 470 5% 1/6W	
R208	1-247-843-00	CARBON 3.3K 5% 1/6W	
R209	1-247-841-00	CARBON 2.7K 5% 1/6W	
R210	1-247-835-00	CARBON 1.5K 5% 1/6W	
R211	1-247-839-00	CARBON 2.2K 5% 1/6W	
R212	1-247-867-00	CARBON 33K 5% 1/6W	
R213	1-247-877-00	CARBON 82K 5% 1/6W	
R214	1-247-831-00	CARBON 1K 5% 1/6W	
R215	1-247-901-00	CARBON 820K 5% 1/6W	
R216	1-247-831-00	CARBON 1K 5% 1/6W	
R217	1-247-819-00	CARBON 330 5% 1/6W	
R219	1-247-835-00	CARBON 1.5K 5% 1/6W	
R220	1-247-821-00	CARBON 390 5% 1/6W	
R222	1-247-804-00	CARBON 75 5% 1/6W	
R223	1-247-804-00	CARBON 75 5% 1/6W	
R226	1-247-809-00	CARBON 120 5% 1/6W	
R227	1-247-809-00	CARBON 120 5% 1/6W	
R251	1-247-823-00	CARBON 470 5% 1/6W	
R252	1-247-817-00	CARBON 270 5% 1/6W	
R253	1-247-837-00	CARBON 1.8K 5% 1/6W	
R254	1-247-843-00	CARBON 3.3K 5% 1/6W	
R255	1-247-855-00	CARBON 10K 5% 1/6W	
R256	1-247-831-00	CARBON 1K 5% 1/6W	
R258	1-247-871-00	CARBON 47K 5% 1/6W	
R259	1-247-799-00	CARBON 47 5% 1/6W	
R260	1-247-855-00	CARBON 10K 5% 1/6W	
R261	1-247-775-00	CARBON 4.7 5% 1/6W	
R262	1-247-871-00	CARBON 47K 5% 1/6W	
R263	1-247-847-00	CARBON 4.7K 5% 1/6W	
R264	1-247-847-00	CARBON 4.7K 5% 1/6W	
R265	1-247-819-00	CARBON 330 5% 1/6W	
R266	1-247-871-00	CARBON 47K 5% 1/6W	
R267	1-247-871-00	CARBON 47K 5% 1/6W	
R268	1-247-855-00	CARBON 10K 5% 1/6W	
R270	1-247-843-00	CARBON 3.3K 5% 1/6W	
R271	1-247-843-00	CARBON 3.3K 5% 1/6W	
R274	1-247-851-00	CARBON 6.8K 5% 1/6W	

C1 C2 D1

KV6000BE
22

[illegible]

D1

D3

D2

D2

Ref.No	Part No	Description	Remark
C531	1-123-356-00	ELECT 10MF	20% 16V
C575	1-130-352-00	MYLAR 1MF	10% 250V
C576	1-123-318-00	ELECT 33MF	20% 16V
C577	1-123-356-00	ELECT 10MF	20% 16V

CONNECTOR

D1	Δ:1-508-916-00	CONNECTOR PIN 2P
D2	Δ:1-508-916-00	CONNECTOR PIN 2P
D5	Δ:1-560-224-00	PLUG, CONNECTOR (2.5MM) 10P

DIODE

D505	8-719-300-70	DIODE RH-1C
D514	=>8-719-900-93	DIODE V09C
D551	8-729-101-31	TRANSISTOR N13T1
D552	=>8-719-931-06	DIODE EQ801-06

COIL

L504	1-407-165-XX	MICRO INDUCTOR 47UH
L552	1-459-100-00	COIL, DUST CORE

TRANSISTOR

Q555	8-765-620-00	TRANSISTOR 2SD1015
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RESISTOR

R531	1-247-807-00	CARBON 100 5% 1/6W
R583	1-246-517-00	CARBON 68K 5% 1/4W
R584	1-247-831-00	CARBON 1K 5% 1/6W
R585	1-213-131-00	METAL 100 5% 1W F
R586	1-247-859-00	CARBON 15K 5% 1/6W
R587	1-247-871-00	CARBON 47K 5% 1/6W

Δ:1-607-941-00 D3 BOARD

COIL

L501	1-405-760-00	COIL, OSC
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Δ:A-1340-491-A D2 BOARD, COMPLETE

Δ:3-847-723-00 PIN, LEAD

CAPACITOR

C282	1-123-356-00	ELECT 10MF	20% 16V
C283	1-123-380-00	ELECT 1MF	20% 50V
C284	1-102-106-00	CERAMIC 100PF	10% 50V
C501	1-108-373-00	MYLAR 0.0047MF	10% 100V
C502	1-123-381-00	ELECT 2.2MF	20% 50V
C503	1-102-820-00	CERAMIC 330PF	5% 50V
C504	1-101-810-00	CERAMIC 100PF	5% 500V

Ref.No	Part No	Description	Remark
C505	1-123-351-00	ELECT 0.47MF	20% 50V
C506	1-108-385-00	MYLAR 0.047MF	10% 100V
C507	1-123-382-00	ELECT 3.3MF	20% 50V
C508	1-108-384-00	MYLAR 0.039MF	10% 100V
C509	1-130-271-00	FILM 0.033MF	5% 100V

C510	1-130-349-00	MYLAR 0.1MF	10% 100V
C511	1-123-503-00	ELECT 47MF	20% 35V
C512	1-108-365-00	MYLAR 0.001MF	10% 100V
C513	Δ:1-130-950-00	FILM 0.0041MF	3% 600V
C514	Δ:1-130-950-00	FILM 0.0041MF	3% 600V

C515	Δ:1-130-950-00	FILM 0.0041MF	3% 600V
C516	Δ:1-130-950-00	FILM 0.0041MF	3% 600V
C517	1-123-341-00	ELECT 10MF	20% 35V
C520	1-108-389-00	MYLAR 0.1MF	10% 100V
C522	1-102-030-00	CERAMIC 330PF	10% 500V

C523	1-123-488-00	ELECT 1000MF	20% 16V
C524	1-123-356-00	ELECT 10MF	20% 50V
C525	1-123-381-00	ELECT 2.2MF	20% 50V
C526	1-123-381-00	ELECT 2.2MF	20% 50V
C527	1-123-484-00	ELECT 100MF	20% 16V

C528	1-102-038-00	CERAMIC 0.001MF	500V
C529	1-102-038-00	CERAMIC 0.001MF	500V
C551	1-108-383-00	MYLAR 0.033MF	10% 100V
C552	1-108-385-00	MYLAR 0.047MF	10% 100V
C553	1-123-379-00	ELECT 0.47MF	20% 50V

C554	1-131-498-00	TANTALUM 1MF	10% 25V
C555	1-123-356-00	ELECT 10MF	20% 16V
C556	1-131-373-00	TANTALUM 22MF	10% 16V
C557	1-131-373-00	TANTALUM 22MF	10% 16V
C558	1-123-486-00	ELECT 330MF	20% 16V

C559	1-123-483-00	ELECT 47MF	20% 16V
C560	1-108-385-00	MYLAR 0.047MF	10% 100V
C561	1-123-478-51	ELECT 1000MF	20% 10V
C562	1-108-373-00	MYLAR 0.0047MF	10% 100V
C563	1-123-484-00	ELECT 100MF	20% 16V

C564	1-123-379-00	ELECT 0.47MF	20% 50V
C565	1-102-114-00	CERAMIC 470PF	10% 50V
C566	1-102-233-00	CERAMIC 33PF	10% 500V
C567	1-102-980-00	CERAMIC 270PF	5% 50V
C569	1-102-116-00	CERAMIC 680PF	10% 50V

C570	1-123-382-00	ELECT 3.3MF	20% 50V
C571	1-123-380-00	ELECT 1MF	20% 50V
C572	1-123-484-00	ELECT 100MF	20% 16V
C573	1-123-356-00	ELECT 10MF	20% 16V
C574	1-108-377-00	MYLAR 0.01MF	10% 100V

C578	1-123-488-00	ELECT 1000MF	20% 16V
C579	1-130-351-00	MYLAR 1MF	10% 100V
C580	1-123-483-00	ELECT 47MF	20% 16V
C581	1-102-038-00	CERAMIC 0.001MF	500V
C621	1-123-305-00	ELECT 33MF	20% 10V

C622	1-102-125-00	CERAMIC 0.0047MF	10% 50V
C623	1-123-341-00	ELECT 10MF	20% 35V
C624	1-123-381-00	ELECT 2.2MF	20% 50V

Ref.No	Part No	Description	Remark
C625	1-123-379-00	ELECT 0.47MF	20% 50V
C626	1-102-125-00	CERAMIC 0.0047MF	10% 50V

CONNECTOR

D3	Δ:1-508-765-00	3P PLUG (M)
D4	Δ:1-508-796-00	PIN, CONNECTOR 2P
D6	Δ:1-560-129-00	PLUG, CONNECTOR (2.5MM) 9P
D7	Δ:1-560-290-00	PLUG, CONNECTOR (2.5MM PITCH)
D8	Δ:1-560-123-00	PLUG, CONNECTOR (2.5MM) 3P
D9	Δ:1-560-126-00	PLUG, CONNECTOR (2.5MM PITCH)

DIODE

D501	8-719-911-19	DIODE ISS119
D502	8-719-911-19	DIODE ISS119
D503	8-719-911-19	DIODE ISS119
D504	=>8-719-300-76	DIODE RH1A
D506	=>8-719-900-93	DIODE V09C

D507	=>8-719-900-93	DIODE V09C
D508	=>8-719-300-76	DIODE RH1A
D509	8-719-900-93	DIODE V09C
D510	8-719-900-93	DIODE V09C
D511	8-719-911-19	DIODE ISS119

D512	8-719-911-19	DIODE ISS119
D513	8-719-900-93	DIODE V09C
D553	8-719-900-93	DIODE V09C
D621	=>8-719-300-45	DIODE EM1Z
D622	8-719-101-61	DIODE RD6.2E-L2

D623	8-729-101-31	TRANSISTOR N13T1
D624	=>8-719-300-45	DIODE EM1Z
D625	8-729-101-31	TRANSISTOR N13T1
D626	8-729-101-31	TRANSISTOR N13T1
D627	Δ:8-719-101-89	DIODE RD15E-L2

IC

IC551	=>8-759-110-31	IC UPC1031H
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COIL

L503	1-459-155-00	COIL (WITH CORE) 45MH
L505	1-407-493-00	MICRO INDUCTOR 1.2MH
L506	1-407-705-00	MICRO INDUCTOR 100UH
L551	1-408-160-00	MICRO INDUCTOR 15MH

TRANSISTOR

Q283	8-729-178-54	TRANSISTOR 2SC2785
Q284	8-729-178-54	TRANSISTOR 2SC2785
Q285	8-729-117-54	TRANSISTOR 2SA1175
Q501	8-729-117-54	TRANSISTOR 2SA1175
Q502	=>8-729-600-27	TRANSISTOR 2SC634-SP

Q503	8-729-133-53	TRANSISTOR 2SC2335
Q504	8-729-178-54	TRANSISTOR 2SC2785
Q551	8-729-178-54	TRANSISTOR 2SC2785
Q552	8-729-117-54	TRANSISTOR 2SA1175
Q553	=>8-729-600-27	TRANSISTOR 2SC634-SP

Ref.No	Part No	Description	Remark
Q554	=>8-729-600-27	TRANSISTOR 2SC634-SP	
Q621	8-729-178-54	TRANSISTOR 2SC2785	
Q622	8-729-178-54	TRANSISTOR 2SC2785	
Q623	8-729-178-54	TRANSISTOR 2SC2785	

RESISTOR

R286	1-247-867-00	CARBON 33K 5% 1/6W
R287	1-247-855-00	CARBON 10K 5% 1/6W
R288	1-247-841-00	CARBON 2.7K 5% 1/6W
R289	1-247-835-00	CARBON 1.5K 5% 1/6W
R290	1-247-839-00	CARBON 2.2K 5% 1/6W

R291	1-247-813-00	CARBON 180 5% 1/6W
R292	1-247-871-00	CARBON 47K 5% 1/6W
R293	1-247-891-00	CARBON 330K 5% 1/6W
R294	1-247-837-00	CARBON 1.8K 5% 1/6W
R501	1-247-829-00	CARBON 820 5% 1/6W

R502	1-246-491-00	CARBON 5.6K 5% 1/4W
R503	1-247-855-00	CARBON 10K 5% 1/6W
R504	1-247-851-00	CARBON 6.8K 5% 1/6W
R505	1-244-893-00	CARBON 6.8K 5% 1/2W
R506	1-247-852-00	CARBON 7.5K 5% 1/6W

R507	1-247-871-00	CARBON 47K 5% 1/6W
R508	1-247-829-00	CARBON 820 5% 1/6W
R509	1-247-835-00	CARBON 1.5K 5% 1/6W
R510	1-247-867-00	CARBON 33K 5% 1/6W
R511	1-247-793-00	CARBON 27 5% 1/6W

R512	1-247-783-00	CARBON 10 5% 1/6W
R513	1-247-825-00	CARBON 560 5% 1/6W
R514	1-247-833-00	CARBON 1.2K 5% 1/6W
R515	1-206-660-00	METAL 680 5% 2W F
R516	1-247-839-00	CARBON 2.2K 5% 1/6W

R517	1-247-857-00	CARBON 12K 5% 1/6W
R518	1-212-861-11	FUSIBLE 15 5% 1/4W F
R519	1-212-859-00	FUSIBLE 12 5% 1/4W F
R520	1-247-881-00	CARBON 120K 5% 1/6W
R521	1-247-866-00	CARBON 30K 5% 1/6W

R522	1-246-442-00	CARBON 51 5% 1/4W
R523	1-246-433-00	CARBON 22 5% 1/4W
R524	1-246-425-00	CARBON 10 5% 1/4W
R525	1-246-449-00	CARBON 100 5% 1/4W
R526	1-246-442-00	CARBON 51 5% 1/4W

R527	1-246-434-00	CARBON 24 5% 1/4W
R528	1-247-871-00	CARBON 47K 5% 1/6W
R529	1-247-871-00	CARBON 47K 5% 1/6W
R530	1-247-855-00	CARBON 10K 5% 1/6W
R549	1-206-660-00	METAL 680 5% 2W F

R551	1-247-853-00	CARBON 8.2K 5% 1/6W
R552	1-247-845-00	CARBON 3.9K 5% 1/6W
R553	1-247-841-00	CARBON 2.7K 5% 1/6W
R554	1-247-859-00	CARBON 15K 5% 1/6W
R556	1-247-895-00	CARBON 470K 5% 1/6W

R557	1-247-821-00	CARBON 390 5% 1/6W
R558	1-212-366-00	METAL 3.3 5% 1W F

D2 J1 J2 EJ EJ X1 X2 X3

Ref.No	Part No	Description				Remark
R559	1-211-427-00	CARBON	100	5%	1/6W	F
R560	1-247-841-00	CARBON	2.7K	5%	1/6W	
R561	1-247-849-00	CARBON	5.6K	5%	1/6W	
R562	1-247-849-00	CARBON	5.6K	5%	1/6W	
R563	1-247-855-00	CARBON	10K	5%	1/6W	
R564	1-247-855-00	CARBON	10K	5%	1/6W	
R565	1-247-839-00	CARBON	2.2K	5%	1/6W	
R566	1-247-873-00	CARBON	56K	5%	1/6W	
R567	1-247-845-00	CARBON	3.9K	5%	1/6W	
R568	1-247-845-00	CARBON	3.9K	5%	1/6W	
R569	1-247-845-00	CARBON	3.9K	5%	1/6W	
R570	1-247-841-00	CARBON	2.7K	5%	1/6W	
R571	1-247-859-00	CARBON	15K	5%	1/6W	
R572	1-247-835-00	CARBON	1.5K	5%	1/6W	
R573	1-247-804-00	CARBON	75	5%	1/6W	
R574	1-247-847-00	CARBON	4.7K	5%	1/6W	
R575	1-247-877-00	CARBON	82K	5%	1/6W	
R576	1-247-849-00	CARBON	5.6K	5%	1/6W	
R577	1-247-841-00	CARBON	2.7K	5%	1/6W	
R578	1-247-783-00	CARBON	10	5%	1/6W	
R579	1-247-845-00	CARBON	3.9K	5%	1/6W	
R580	1-247-838-00	CARBON	2K	5%	1/6W	
R581	1-247-849-00	CARBON	5.6K	5%	1/6W	
R582	1-247-841-00	CARBON	2.7K	5%	1/6W	
R588	1-213-135-00	METAL	220	5%	1W	F
R620	1-213-145-00	METAL	1.5K	5%	1W	F
R621	1-247-863-00	CARBON	22K	5%	1/6W	
R622	1-247-867-00	CARBON	33K	5%	1/6W	
R623	1-247-867-00	CARBON	33K	5%	1/6W	
R624	1-247-877-00	CARBON	82K	5%	1/6W	
R625	1-247-881-00	CARBON	120K	5%	1/6W	
R626	1-247-879-00	CARBON	100K	5%	1/6W	
R627	1-247-831-00	CARBON	1K	5%	1/6W	
R628	1-247-847-00	CARBON	4.7K	5%	1/6W	
R629	1-247-867-00	CARBON	33K	5%	1/6W	
R630	1-247-867-00	CARBON	33K	5%	1/6W	
R631	1-247-867-00	CARBON	33K	5%	1/6W	
R632	1-247-855-00	CARBON	10K	5%	1/6W	
R633	1-247-879-00	CARBON	100K	5%	1/6W	
R634	1-247-859-00	CARBON	15K	5%	1/6W	
R635	1-214-171-00	METAL	43K	1%	1/4W	
R636	1-214-170-00	METAL	39K	1%	1/4W	
VARIABLE RESISTOR						
RV551	1-226-851-00	RES, ADJ, CARBON	10K			
RV552	1-226-847-00	RES, ADJ, CARBON	1K			
RV554	1-226-852-00	RES, ADJ, CARBON	22K			
RV555	1-226-851-00	RES, ADJ, CARBON	10K			
RV621	1-226-853-00	RES, ADJ, CARBON	47K			
TRANSFORMER						
T501	1-437-082-00	HDT				
T551	1-421-552-00	TRANSFORMER, STRAIN CORRECTION				

Ref.No	Part No	Description	Remark
♣:1-607-943-00	J1 BOARD	*****	
1-519-262-21	LAMP, NEON		
♣:3-847-723-00	PIN, LEAD		
♣:4-361-446-00	HOLDER, LED		
<u>DIODE</u>			
D151	8-719-812-41	DIODE TLR124	
D152 =>8-719-812-43	DIODE	TLG124	
<u>RESISTOR</u>			
R190	1-214-598-00	METAL	56K 5% 1W F
<u>VARIABLE RESISTOR</u>			
RV251	1-228-350-00	RES, VAR, SLIDE	20K
<u>SWITCH</u>			
S131	1-553-640-13	SWITCH, PUSH	
S132	1-553-640-13	SWITCH, PUSH	

♣:1-607-933-00	J2 BOARD	*****	
♣:3-847-723-00	PIN, LEAD		
<u>DIODE</u>			
D195	8-719-911-19	DIODE ISS119	
D196	8-719-812-41	DIODE TLR124	
D197	8-719-812-42	DIODE TL Y124	
D198 =>8-719-812-43	DIODE	TLG124	
D199	8-719-911-19	DIODE ISS119	
<u>RESISTOR</u>			
R196	1-247-863-00	CARBON	22K 5% 1/6W
R197	1-247-863-00	CARBON	22K 5% 1/6W
R198	1-247-839-00	CARBON	2.2K 5% 1/6W
R199	1-247-831-00	CARBON	1K 5% 1/6W
<u>SWITCH</u>			
S195	1-553-371-00	SWITCH, SLIDE	
S196	1-553-075-00	SWITCH, PUSH	
S197	1-553-075-00	SWITCH, PUSH	
S198	1-553-075-00	SWITCH, PUSH	

♣:1-607-932-00	EJ BOARD	*****	
<u>JACK</u>			
J254	1-507-569-00	JACK, EARPHONE	

Ref.No	Part No	Description			Remark
R269	1-247-811-00	CARBON	150	5%	1/6W

	♣:1-607-937-00	X1 BOARD			

S601	1-554-253-00	SWITCH, PUSH (POWER SWITCH)			

	♣:1-607-931-00	X2 BOARD			

<u>CAPACITOR</u>					
C613	1-102-125-00	CERAMIC	0.0047MF	10%	50V
<u>JACK</u>					
J601	1-507-563-21	JACK, DC			

	♣:1-608-278-00	X3 BOARD			

	♣:1-533-146-00	HOLDER, FUSE			
	♣:3-701-948-17	LABEL, FUSE			
<u>FUSE</u>					
F601	♣:1-532-203-00	FUSE, TIME-LAG	2A		250V
F603	♣:1-532-203-00	FUSE, TIME-LAG	2A		250V
<u>CONNECTOR</u>					
X1	♣:1-560-460-00	PIN, CONNECTOR 4P			
X2	♣:1-560-278-00	PLUG, CONNECTOR 6P			
X3	♣:1-560-462-00	PIN, CONNECTOR 6P			

<u>MISCELLANEOUS</u>					

	♣:1-228-776-00	RESISTOR ASSY, HIGH-VOLTAGE			
T502	♣:1-439-299-00	TRANSFORMER ASSY, FLYBACK			
	♣:1-451-177-21	DEFLECTION YOKE (SY-59E)			
	1-452-126-11	MAGNET			
	1-452-192-00	MAGNET, CORRECT BMC			
	1-452-032-00	MAGNET, DISK			
	1-452-094-00	MAGNET, ROTATABLE DISK;15MMφ			
	1-501-268-00	ANTENNA, TELESCOPIC			
	♣:1-555-706-00	CONNECTOR ASSY (2.5MM) 10P	(UK ONLY)		
	♣:1-555-909-00	CONNECTOR ASSY (2.0MM) 10P			
	♣:1-555-914-00	CONNECTOR ASSY (2.0MM) 6P			
	♣:1-555-916-00	CONNECTOR ASSY (2.0MM) 5P			
	♣:1-555-920-00	CONNECTOR ASSY (2.0MM) 4P			
	♣:1-555-961-00	CONNECTOR ASSY (2.5MM) 2P			

Ref.No	Part No	Description	Remark
	♣:1-556-323-00	CONNECTOR ASSY (2.5MM) 6P	
	♣:1-556-323-00	CONNECTOR ASSY (2.5MM) 6P	
	♣:1-556-331-00	CONNECTOR ASSY (2.5MM) 3P	
	♣:1-556-564-00	CABLE (PAL SOCKET-PIN)	
	1-556-565-00	CABLE (PAL.PIN)	
L902	1-426-023-21	COIL, DEGAUSS	
L903	1-426-023-21	COIL, DEGAUSS	
SP901	1-502-703-00	SPEAKER	
Y901	♣-8-736-201-05	CRT (150ARB22)	

ACCESSORIES AND PACKING MATERIALS			

Part. No	Description	Remark	
A-1009-120-A	ADAPTOR (MAIN) COMPLETE ASSY, AC (UK ONLY)		
A-1009-121-A	ADAPTOR (MAIN) COMPLETE ASSY, AC (AEP ONLY)		
1-504-059-11	MAGNETIC EARPHONE(ME-20H)		
4-309-407-04	BAG, POLYETHYLENE		
4-361-462-00	CUSHION (UPPER) (ASSY)		
4-361-463-00	CUSHION (LOWER) (ASSY)		
4-362-507-00	INDIVIDUAL CARTON (UK ONLY)		
4-362-509-00	INDIVIDUAL CARTON (AEP ONLY)		
4-493-745-11	MANUAL, INSTRUCTION		
4-493-745-41	MANUAL, INSTRUCTION (AEP ONLY)		
4-493-745-51	MANUAL, INSTRUCTION (AEP ONLY)		

KV-6000BE

AEP Model

Serial No. 804101 and later

UK Model

Serial No. 804001 and later

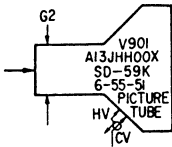
April, 1984

SUPPLEMENT-1

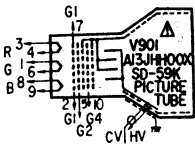
Subject: change of CRT

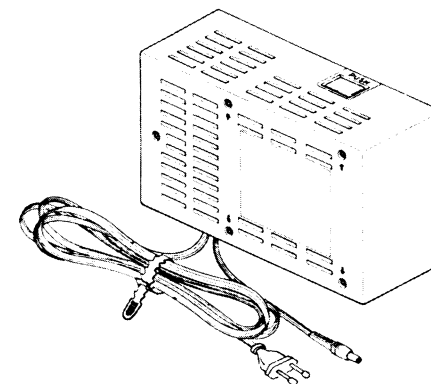
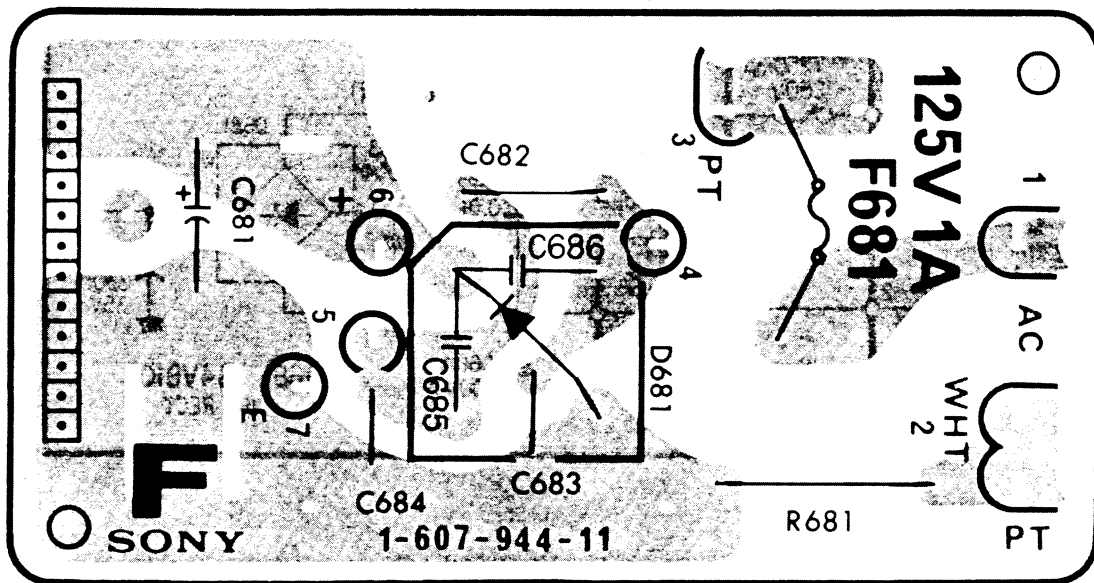
This supplement updates the service manual to include production change.
File this supplement with the service manual.

3-2. BLOCK DIAGRAM



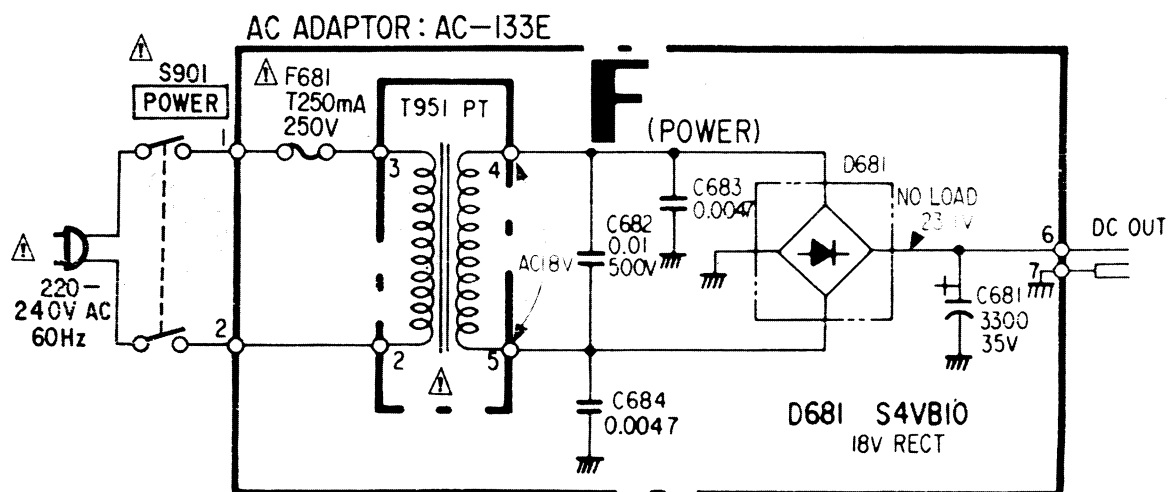
3-3. SCHEMATIC DIAGRAM





October, 1982

SPECIFICATIONS



NOTE:

- Items with no part number and no description are not stocked because they are seldom required for routine service.
- The construction parts of an assembled part are indicated with a collation number in the remark column.

- Items marked "A" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.



No	Part No	Description	Remark	No.	Part No	Description	Remark
1	Δ 1-447-450-00	TRANSFORMER, POWER		8	2-370-326-01	CASE (A), ADAPTOR, AC	
2	Δ 1-516-379-00	SEESAW SWITCH		9	2-370-327-21	CASE (B), ADAPTOR, AC	
3	Δ 1-555-307-21	CORD, WITH PLUG (AEP ONLY)		10	Δ 4-025-191-00	COVER, INSULATING, SWITCH	
4	1-534-777-22	CORD, POWER SUPPLY		11	Δ 4-362-501-00	LABEL, MODEL NUMBER	
5	2-098-510-01	BUSHING, CODE		12	4-812-546-01	SPRING COMPRESSION, (B)	
6	Δ 2-098-513-00	BUSHING (AEP ONLY)		13	Δ 1-607-944-00	F BOARD	
	Δ 2-245-515-01	BUSHING (UK ONLY)		14	Δ 1-534-817-XX	POWER CORD (UK ONLY)	
7	2-245-503-00	CLAMPER, CABLE (AEP ONLY)					
	2-245-517-01	CLAMPER, CABLE (UK ONLY)					

NOTE:

- =>: Due to standardization, interchangeable replacements may be substituted for parts specified in the diagrams.
- Items marked "A" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

- All variable and adjustable resistors have characteristic curve B, unless otherwise noted.
- CAPACITORS
- MF: μF , PF: μpF
- RESISTORS
- All resistors are in ohms
- F: nonflammable
- COILS
- MH: mH, UH: μH

Ref.No	Part No	Description	Remark
▲:1-607-944-00	F BOARD		
▲:3-701-948-08	LABEL, FUSE		
▲:3-847-723-00	PIN, LEAD		
CAPACITOR			
C681	1-123-736-00	ELECT 3300MF 20% 35V	
C682	1-102-050-00	CERAMIC 0.01MF 500V	
C683	1-102-125-00	CERAMIC 0.0047MF 10% 50V	
C684	1-102-125-00	CERAMIC 0.0047MF 10% 50V	
DIODE			
D681	=>8-719-504-40	DIODE S4VB40	
FUSE			
F681	▲.1-532-614-00	FUSE, TIME-LAG 250mA 250V	

MISCELLANEOUS			

T951	▲.1-447-450-00	TRANSFORMER, POWER	
S901	▲.1-516-379-00	SEESAW SWITCH	
▲.1-534-817-XX	POWER CORD	(UK ONLY)	
1-534-777-22	CORD, POWER SUPPLY		
▲.1-555-307-21	CORD, WITH PLUG	(AEP ONLY)	

ACCESSORIES AND PACKING MATERIALS			

Part.No	Description	Remark	
3-546-434-00	BAG, POLYETHYLEN		